

JUN 21 2007

Application No.: 10/516,556

Art Unit: 3641

Docket No.: FHW-136US

AMENDMENTS TO THE CLAIMS

1. (currently amended) A non-lethal marker projectile, comprising a hollow body having an opening at the front; a marker substance disposed within the hollow body; an expelling member within the hollow body behind the marker substance; a portion of the hollow body separating the expelling member from an axial bore of the projectile; the hollow body and expelling member being configured such that upon impact of the projectile with a target, the momentum of the expelling member relative to the hollow body carries the expelling member forwardly to expel the marker substance through the opening, and a separator extending at least partly over the opening, the separator defining two or more spaces through which the marker substance may pass when expelled through the opening.
2. (previously presented) A non-lethal marker projectile as claimed in claim 1, wherein the separator comprises a cap which is secured to an outer wall or edge of the hollow body adjacent the opening.
3. (previously presented) A non-lethal marker projectile as claimed in claim 1, wherein the separator comprises one or more arms extending between a periphery of the opening and a center of the opening.
4. (previously presented) A non-lethal marker projectile as claimed in claim 3, wherein the arms extend symmetrically from the center to the periphery of the opening.
5. (previously presented) A non-lethal marker projectile as claimed in claim 3, wherein the separator comprises between two and four arms.
6. (previously presented) A non-lethal marker projectile as claimed in claim 5, wherein the separator comprises three arms.
7. (previously presented) A non-lethal marker projectile as claimed in claim 1, wherein the separator has a domed configuration, wherein a peak of the dome is in substantial alignment with a center of the opening.

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8. (previously presented) A non-lethal marker projectile as claimed in claim 1, wherein the hollow body comprises centering means for centering the expelling member therein during flight of the projectile.
9. (previously presented) A non-lethal marker projectile as claimed in claim 8, wherein the centering means comprises a recess in a forwardly facing surface within an interior of the hollow body.
10. (previously presented) A non-lethal marker projectile as claimed in claim 1, wherein the hollow body comprises a sleeve having a core body portion secured within a rear end thereof, an inner wall of the sleeve and a forwardly facing surface of the core body portion defining a chamber within which the marker substance and expelling member are disposed.
11. (previously presented) A non-lethal marker projectile as claimed in claim 9, wherein the recess is conical, frustoconical, hemispherical or part hemispherical.
12. (previously presented) A non-lethal marker projectile as claimed in claim 10, wherein the sleeve has a cylindrical form, and a spigot portion of the core body member is received within a rear end of the sleeve.
13. (previously presented) A non-lethal marker projectile as claimed in claim 10, wherein the sleeve is formed from a material having a greater density than the material from which the core body portion is formed.
14. (currently amended) A non-lethal marker projectile as claimed in 13, wherein the sleeve is formed from a metal material and the core body portion is formed from a plastics material.
15. (previously presented) A non-lethal marker projectile as claimed in 14, wherein the metal material is aluminium.

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16. (previously presented) A non-lethal marker projectile as claimed in claim 1, wherein the expelling member is formed from a material having a greater density than the material from which the hollow body is formed.

17. (previously presented) A non-lethal marker projectile as claimed in claim 16, wherein the expelling member is formed from steel.